

INFRARED INTERPRETER'S DAILY LOG

Incident Name: Lava Mountain WY-SHF-000267	IR Interpreter(s): Elise Bowne	Local Dispatch Phone: 307-578-5740 Cody Dispatch	Interpreted Size: 4,269 Acres Growth last period: 1,965 Acres
Flight Time: 2322 Hours MDT	Interpreter(s) location: Lakewood, CO	GACC IR Liaison: Melinda McGann	National Coordinator:
Flight Date: July 23, 2016	Interpreter(s) Phone: 303-517-7510	GACC IR Liaison Phone: 303-275-5211	National Coord. Phone:
Ordered By: Shoshone NF	A Number: 352	Aircraft/Scanner System: N149Z/Phoenix	Pilots/Techs: Lowrey/Netcher/Smith
IRIN Comments on imagery: Good imagery, Orthorectification was good.		Weather at time of flight: Clear	Flight Objective: Map heat perimeter and heat
Date and Time Imagery Received by Interpreter: July 23, 2016 @ 2340 hours MDT		Type of media for final product: Shapefiles (5), 2 Maps, IR Log and KMZ	
Date and Time Products Delivered to Incident: July 24, 2016 @ 0430 hours MDT		Digital files sent to: http://ftp.nifc.gov/Incident_Specific_Data/Rocky_Mtn/2016/LavaMountain/IR/20160724/	
Comments /notes on tonight's mission and this interpretation			
<p>The incident has nearly doubled in size since the last IR Flight. The growth is mainly to the east southeast again tonight, with a lot of intense heat on that portion of the fire, with a number of isolated areas of intense heat to the east southeast and south of the main heat perimeter.</p> <p>Incorporated one portion of the incident perimeter on the north edge of the heat perimeter in about the center, in the NW quarter of section 2. This area had two isolated heat areas previously and with the light fuels having cooled before flight time, this area was not picked up by IR.</p> <p>There were no heat signatures found east of the highway tonight, although much effort spent searching that area of the imagery for any heat signatures. The "possible heat sources" are likely NOT heat, but just some noise in the imagery. If lat/longs of spots not found by IR are known, along with the approx. time/date they were burning, please let the IRIN know so calibration can be improved.</p> <p>Div A – relatively quiet, with some small areas of heat perimeter growth and intense heat, uphill to the west, There was an area of intense heat on either side of trail 829 to the SW, just below H2.</p> <p>Div D – looking cooler, with mostly just isolated heat sources close to the fire's edge.</p> <p>Div W – on east side, was cooler, with only very small heat perimeter adjustments.</p> <p>Div S – the main area of growth tonight, with the heat across the N Fork of Crooked Creek by flight time, with the heat across the ridge to the south of the creek. It appears that the heat perimeter is now about 1 ¼ miles east of the Forest Boundary, past both MAP 4 and 5. There were some possible heat signatures down in the confluence of the North Fork of Crooked Creek with the unnamed tributary to the SE, and on the hill top SE of the unnamed tributary. Around to the south edge of the fire, there is a lot of intense heat and numerous isolated areas of heat uphill from heat perimeter, and also backing down into the drain N of N Fork Crooked Creek in section 12. One large isolated area of intense heat is on both sides of Road 542.11 in section 10, well past MAP 3.</p> <p style="text-align: right;">Questions/Comments – contact Elise Bowne at 303-517-7510</p>			